

Name:



Maths Assessment Year 5 Term 3: Addition and Subtraction

1. Add and subtract numbers mentally with increasingly large numbers.
2. Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).
3. Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.
4. Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.

Name:

Date:



Maths Assessment Year 5 Term 3: Addition and Subtraction

1. Add and subtract numbers mentally with increasingly large numbers.

Answer the questions your teacher reads out loud, just write the answer.

1		7	
2		8	
3		9	
4		10	
5		11	
6		12	

6 marks

2. Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).

a) Add the following, using a column method; set your addition and answer in the box below:

$45\,310 + 5197$	$176\,571 + 86\,244$	$63\,208 + 5773 + 579$

3 marks

b) Subtract the following, using a column method; set your subtraction and answer in the box below:



$75\,031 - 69\,442$	$330\,272 - 89\,564$	$56\,287 - 8992$

3 marks

Total for this page

3. Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.

Approximate the answer to the problem below and draw a circle around the most sensible answer:

Problem	My approximation	Circle the most sensible answer						
<p>a) A school has a charity day. Here is the amount raised by each class:</p> <table border="1" data-bbox="172 591 571 730"> <tr> <td>Class 1</td> <td>£182.73</td> </tr> <tr> <td>Class 2</td> <td>£216.82</td> </tr> <tr> <td>Class 3</td> <td>£147.58</td> </tr> </table>  <p>What was the total raised?</p>	Class 1	£182.73	Class 2	£216.82	Class 3	£147.58		<p>£527.13</p> <p>£567.13</p> <p>£547.13</p>
Class 1	£182.73							
Class 2	£216.82							
Class 3	£147.58							
<p>b) 47 934 people attended a football match. 43 012 were home team supporters. How many other supporters attended?</p> 		<p>5922</p> <p>4922</p> <p>3922</p>						

2 marks

2 marks

Total for this page

4. Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.

Solve these problems and show your working out. Even if you get the wrong answer, you may get a mark for your working out.

a) Here are the admission costs for an amusement park:



Adults	Gate price £48.00	Online price £36.00
Children (4 years to 16)	Gate price £43.80	Online price £32.85
Family of 3	Gate price £139.80	Online price £97.86
Family of 4	Gate price £186.60	Online price £128.52

Mr Ahmed wants to take his 2 children, Ibrahim aged 5 and Amira aged 11, to the amusement park. What is the cheapest way to go to the amusement park?



2 marks

b) Mrs Ahmed decides to come at the last minute. She has to buy a ticket at the gate. How much would they have saved if they had bought the family ticket online for all 4 of them?



2 marks



Total for this page

Teacher Script and Answer Sheet: Maths Assessment Year 5

Term 3: Addition and Subtraction



Questions for teacher to read aloud for Q1. Read each question twice and leave 10 seconds for the pupils to answer. Children should just write down the answer.

	<ol style="list-style-type: none"> 1. $400 + 900$ 2. $800 + 700 + 600$ 3. $280 + 560$ 4. $2100 + 480$ 5. $4500 + 700$ 6. $6400 + 2700$ 7. $700 - 600$ 8. $1000 - 860$ 9. $2800 - 700$ 10. $3200 - 1800$ 11. $6300 - 5900$ 12. $8100 - 3100$ 		
question	answer	marks	notes
1. Add and subtract numbers mentally with increasingly large numbers.			
	<ol style="list-style-type: none"> 1. 1300 2. 2100 3. 840 4. 2580 5. 5200 6. 9100 7. 100 8. 140 9. 2100 10. 1400 11. 400 12. 5000 	up to 6 marks	1 or 2 correct = 1 mark 3 or 4 correct = 2 marks 5 or 6 correct = 3 marks 7 or 8 correct = 4 marks 9 or 10 correct = 5 marks 11 or 12 correct = 6 marks
2. Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).			
a	$50\ 507$ $262\ 815$ $69\ 560$	up to 3 marks	add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).
b	5589 $240\ 708$ $47\ 295$	up to 3 marks	
3. Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.			
a	Uses a sensible estimate Eg $£180 + £220 + £150 = £550$ Circle drawn around c) $£547.13$	2	Both sections correct for 2 marks. Accept any way of identifying the correct answer. Do not give a mark for the first part if they do not estimate but complete the calculation.
b	Uses a sensible estimate Eg $48\ 000 - 43\ 000 = 5000$ Circle drawn around b) 4922	2	
4. Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.			
a	Family of 3 online $£97.86$	2	Award 2 marks for the correct answer, whether working out shown or not. Award 1 mark for incorrect answer but a sensible attempt to solve the problem.
b	$£17.34$	2	
		Total 20	